Work	Order II	D 61476
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Page 1

Thursday, August 26, 2010 2:39:51 PM

Item ID:

D412-742-013 V

Revision ID:

Item Name:

Float Skidtube Installation

Start Date: 8/26/2010 Required Date: 9/6/2010

Start Qty: 1.00 Req'd Qty: 1.00



Cust Item ID:

Date:

Date:

Customer:

Reference:

Approvals:

Sequence ID/

Draw Nbr

Work Center ID

D

QC:

Process Plan:

Operation

Description

Revision Nbr

Date: 10-8-26 Tooling:

Date:

SPC (Y/N):

Accept

Set Up/

Run Hours

Tool ID

Tool # Plan Code

Accept Qty

Reject **Qty**

Run

Setup Start

Stop

Start

Stop

Reject Number

Insp. Stamp

IIN D412-742

100

DOCUMENT CONTROL

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-742-013 CHG006

110

Packaging Packaging

Pick Kit

0.00

0.00

Memo

0.00

0.00

120

Quality Control

QC4-100% Inspect kits for completeness

Memo

0.00

MI

W/O:	WORK ORDER CHANGES										
DATE	DATE STEP PROCEDURE CHANGE				Ву	Date Qt	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
							1 Tod Wigi				
					1						

						ļ					
Part No	•	PAR #:	Fault Cat	egory:	NCR: Yes	No DQA:	Date: _				
	Re	esolution:	Disposition: QA: I			A: N/C Closed: Date:					
NCR:	CR: WORK ORDER NON-CONFORMANCE (I					R)					
DATE	TE STED Description of NC Corrective Action Section B				Verification	Approval A	Approval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section C	Chief Eng	QC Inspector			
											
		75/4									

Work Order ID 61476

Thursday, August 26, 2010 2:39:51 PM



Page 2

Item ID:

D412-742-013

Accept



Setup Start

Stop



Revision ID:

Item Name:

Float Skidtube Installation

Start Date:

8/26/2010

Start Oty: 1.00

Required Date: 9/6/2010

Reg'd Oty: 1.00



Cust Item ID: Customer:

Date:

Tool # Plan

Code

Reference:

Approvals:

OC:

Date:

Date:

Tooling:

SPC (Y/N):

Set Up/

0.00

0.00

Run Hours

Date: Tool ID

Run

Start

Otv___

Accept

Qty

Sequence ID/

Work Center ID

130

Packaging Packaging

Packaging

Operation

Description

Memo

Identify and pack for shipping as per PPP D412-742-013

Location:

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Stop

Reject Reject

Number

Insp. Stamp

10/09/08 AST MF 10-9-03

Dart Ae	rospace	e Ltd						,
W/O:			W	ORK ORDER CHANGE	S			
DATE STEP		PRO	CEDURE CHA	ANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	}							
Part No	:	PAR #:	Fault Cate	egory:	NCR: Yes	No DQA:	Date: _	
	R	esolution:	Disposition	on:	QA: N/C CI	osed:	Date: _	
NCR:		1	VORK ORD	DER NON-CONFORMA	NCE (NCR	?)		
		Description of NC		Corrective Action Section	n B	Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Section C	Chief Eng	QC Inspector
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	1		<u> </u>					

Picklist Pri	nt
Thursday, Augus	t 26
Work Order ID:	61
Parent Item:	D4

st 26, 2010 2:39:57 PM

61476

D412-742-013

Parent Item Name: Float Skidtube Installation



Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev: A□05.10.13□New Issue□ KJ/JLM□

IPP Rev:B 06-06-08 As per DSI9336 JLM IPP RevC

07-12-03 ECN

DD verified by:JLM 1072

IPP Rev:D 08-09-08 ecn 08-510 DD verified by:EC

IPP Rev:E 09-01-23 as per DSI9441 DD verified by:EC AN4C7A DD 10.01.13 verified by:EC IPP RevF: add

A	10.0	1.13 vermed by:											
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4C7A Bolt		Purchased	No			110	Each	460.0000	4	10/8/3	18		
/p412-742-043		Manufactured	No	Location ST356	109147		Oty 460 460 Each	Loc Code 0.0000	¥ <u>.</u>	1			
Replacement Float Skidtube										6/2	174		w/z/
D2571 Saddle, Fwd Out 205		Manufactured	No			110	Each	17.0000	1 	10/8/	37 54	,	-

Location	Loc Qty	Loc Code	
ST425	7		
43564	3		
47564	4		
ST433	10		
58250	4	•	
59849	6		

W/O:			W	ORK ORDER CHANG	ES					
DATE	STEP	PRC	PROCEDURE CHANGE					Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							·			
	<u>'</u>					•				
						1				
Part No	:	PAR #:	Fault Cat	egory:	_ NCR:	Yes N	o DQA	:	_ Date: _	·
	R	esolution:	Dispositi	_ QA: N	A: N/C Closed: Date:					
NCR:		\	WORK ORDER NON-CONFORMANC							
DATE	OTED	Description of NC		Corrective Action Secti		VARITICATION			Approval Appr	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	cription Sign & Section C Chie				Chief Eng	QC Inspector
					1					
m·++ 844										
		,								

Work Order ID: 61476

Parent Item:

D412-742-013

Parent Item Name: Float Skidtube Installation



Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00



D2572

Saddle, Fwd In 205

Manufactured

No

110

Each

19.0000

Loc Code

D2573

Saddle, Aft Out 205

Manufactured No

Manufactured

No

ST425 43565 ST433 60705 110

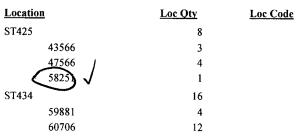
Location

Loc Qty

24.0000



D2574 Saddle, Aft In 205



110 Each

20.0000

Location	Loc Oty	Loc Code
ST425	3	
43567	3	
ST434	17	
58252	1	
59882	4	
60707	12	

	-										
W/O:			WC	RK ORDER CHANG	ES				ı		
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No	•	PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQ	A:	Date: _			
	Re	Resolution: Disposition: Q				A: N/C Closed: Date:					
NCR:	CR: WORK ORDER NON-CONFORM				ANCE (NC	R)					
DATE	STEP	Description of NC	Description of NC Corrective Action			Section B ption Sign & Verifica			Approval		
DAIL	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat		ion C	Approval Chief Eng	QC Inspector		
								:			
		i									

Work Order ID: 61476 Parent Item:

D412-742-013

Parent Item Name: Float Skidtube Installation



Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00





Manufactured

No

110

82.0000 Each

D2877	
	D2877
1	

Manufactured No

Manufactured

ST026 ST028 51540

Location

Location

ST026

31 31 110 Each

Loc Qty

51 2 49

93.0000

Loc Code

Saddle Spacer

No

60854 61211 ST028 58531

51541

Loc Qty Loc Code 67 2 24 41 26 26 110 Each 45.0000

Bushing

Location	
ST055	1
	58856
	59119

Loc Qty Loc Code 45 16 29

	1								
W/O:			WC	ORK ORDER CHANG	ES	•			٠,
DATE	STEP	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							,		
Part No	:	PAR #:	Fault Cate	gory:	NCR: Ye	s No DC	A:	Date: _	
	Resolution: Disposition: QA: N/C			_ QA: N/C	Closed:		Date: _		
NCR:		·		ER NON-CONFORMA	NCE (NC	R)			
DATE	STEP	Description of NC	C		on B		cation	Approval	Approval
DAIL	SILI	Section A	Initial Chief Eng	Action Description Chief Eng	Sigr Da		tion C	Chief Eng	QC Inspector
					-				
									
						İ			

Work Order ID: 61476

Parent Item:

D412-742-013

Parent Item Name: Float Skidtube Installation



Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00



Manufactured

No

110

101.0000 Each

٨	D3533-1
Mari	T TO BE THE COURT FIXED BY THE STATE OF THE

Manufactured No ST023 39224 51921 59879

Location

Loc Qty 101 93 110 Each

Loc Code 67.0000



AN4C6A

Purchased No Location ST069

Loc Qty 67 67 110 Each Loc Code 355.0000

16

Location	1	Loc Oty	Loc Code
FG		4	
	103344	4	
ST		12	
	103344	0	
	111295	12	
ST356		339	
	107242	12	
	113121	127	
	115016	200	

W/O:			W	ORK ORDER CHANG	ES					
DATE	STEP	PROCEDURE CHANGE				ם	ate	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Cate	egory:	_ NCR: Yo	es No	DQ	A:	Date:	
	R	esolution:	Disposition: QA: N/C C			Close	osed: Date:			
NCR:		1	WORK ORD	ER NON-CONFORM	ANCE (N	CR)				
DATE 0750		Description of NC Corrective Action			tion B	V		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		n & ate		ion C	Chief Eng	QC Inspector
										!
			-							

Work Order ID: 61476

Parent Item:

D412-742-013

Parent Item Name: Float Skidtube Installation



Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00



AN4C52A

Purchased

No

110

Each

136.0000

Loc Code

1	
V	
- 1/	
MI.	
1 1/1	



AN6C12A

Purchased

No

No

Loc Oty 136 50 36 50 110 Each

64.0000

ħ.	D3672-3
In	

Phenolic Washer

Manufactured

Location ST342

112641

114784

113121

Location

ST361

Loc Qty 64 14 50 110 Each

606.0000

Loc Code

Location	<u>1</u>	
ST077		
	37374	
	47023	1
	55500	V
	57704	

Loc Qty 606 24 24 32 526

Loc Code

W/O:			W	ORK ORDER CHANC	GES					,
DATE	STEP	PROCEDURE CHANGE			В	у	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			,							
								•		
Part No	:	PAR #:	Fault Cat	egory:	NCR: \	Yes N	o DQA		_ Date: _	
Resolution: Disposition:			on:	QA: N/	C Clos	sed:		Date:		
NCR:		,	WORK OR	DER NON-CONFORM	ANCE (N	VCR)				
DATE	STEP	Description of NC		Corrective Action Sec Action Description	Section B Sign & Section C					Approval
		Section A		Chief Eng			Section	n C	Chief Eng	QC Inspector
			Chief Eng	Critical Eng		Date				
			Chief Eng	Onto Eng		Date				
			Chief Eng	Onto Eng		Date				
			Chief Eng	Onto Eng		Date				
			Chief Eng	Onto Ling		Date				
			Chief Eng	omo. Eng		Date				
			Chief Eng	Onto Eng		Date				
			Chief Eng	Onto Ling		Date				
			Chief Eng	Onto Ling		Date				

Work Order ID: 61476

Parent Item:

D412-742-013

Parent Item Name: Float Skidtube Installation

Purchased

Manufactured

Purchased

No



Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

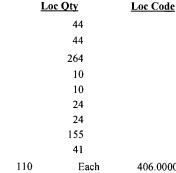
Required Qty: 1.00

308.0000

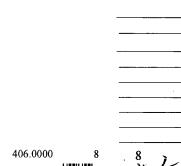
AN960C416L WASHER

1101	T)		

Location	1		<u>Lo</u>
FG			
	104925		
ST346			
	106785		
	107008		
	108672		
	111359		
	112828		
	69220	_	
	-	_	



Each



)	8

Loc Code

	D3672-9
A	
' '	
	Phenolic Washer





No

35523 11

110

	Loc Qty
	406
	406
0	Each

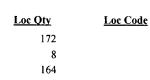
172.0000



٨	AN960C616L
nu\	Angouchiel Washed
1.4	WASHER

Location	:
ST347	1
•	111424
	113064

Location





W/O:	•		V	ORK ORDER CHANGI	=S				
DATE	STEP	PRO	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Ca	egory:	NCR: Ye	s No I	DQA:	Date: _	
Resolution:			Disposition: Q		QA: N/C Closed:			Date:	
NCR:		\	WORK OR	DER NON-CONFORMA	NCE (NO	CR)			
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section Action Description	Sig	n& s	rification Section C	Approval Chief Eng	Approval QC Inspector
			Chief Eng	Chief Eng	Da	ite			
1									

Work Order ID: 61476

Parent Item:

D412-742-013

Parent Item Name: Float Skidtube Installation

Manufactured

Purchased

Manufactured

No

No

No



Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

888.0000 16

Phenolic Washer

Location ST077

Loc Qty 888 888

Each

Each

110

110

Loc Code

933.0000

MS21043-4

Nut	

Loc Code

43.0000

D3403-3 **Bushing**

Location	Loc Oty	Loc Code
ST053	30	
59598	30	
ST055	13	
56857 V	13	

14//0	· · · · · · · · · · · · · · · · ·		1816	DOW ORDER OLIANO	\				
W/O: DATE	STEP	WORK ORDER CHANGES PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng /	Approval QC Inspector
						_		Prod Mgr	QC Inspector
								,	
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date: _	
	Re	esolution:	Dispositio	n:	QA: N/C (closed:		Date: _	
NCR:		,	WORK ORD	ER NON-CONFORM	ANCE (NC	R)			
DATE	STED Description of NC		Corrective Action		tion B	Verifi	fication Approval	Approval	Approval
DAIL	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date		ion C	Chief Eng	QC Inspector
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				Al year of a second					
									<u> </u>
				· · · · · · · · · · · · · · · · · · ·					_
Í	1		1		l l	1		I	I .

Work Order ID: 61476 Parent Item: D412-742-013 Parent Item Name: Float Skidtube Installation Required Date: 9/6/2010 **Start Date: 8/26/2010** Start Qty: 1.00 Required Qty: 1.00 D3405-041 Manufactured No 110 Each 22.0000 Lug Assembly Location Loc Oty Loc Code 22 7 60495 14 D3405-043 Manufactured No 110 Each 10.0000 B56574 J 10/8/31 S Lug Assembly Location Loc Qty Loc Code 10 60496 AN4C47A Purchased 110 Each 71.0000 Bolt Location Loc Oty Loc Code ST361 114653 115231 17 115358 50 D3407-041 Manufactured No 110 Each 16.0000 Tow Ring Location Loc Qty Loc Code

16

3

12

ST464

58209 58755

59632

W/O:			W	ORK ORDER CHANG	SES				
DATE	E STEP PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	:	PAR #:	Fault Cat	egory:	_ NCR: Yes	No DQ	A :	Date: _	
Resolution:		Disposition: C			QA: N/C Closed: Date:				
NCR:			WORK ORI	DER NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC	Initial	Corrective Action Sec Action Description	tion B Sign		cation	Approval Chief Eng	Approval QC Inspector
		Section A	Chief Eng	Chief Eng	Date	Sec		Criter Eng	QC Inspector
								1	
					ļ			ł	

Work Order ID: 61476

D412-742-013

Parent Item:

Parent Item Name: Float Skidtube Installation



Location

ST056

Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00



Washer

Manufactured

110

Each 112.0000



	D3456-1	
Ĺ	1 1 6 6 116 6 15 6 1131 6 18 6 1 6 11 6 6 11 11 16 6 1 11 16 16 16 1	

Manufactured

No

Loc Oty 112 31 28 53 110 Each

Loc Code

39.0000

Washer	her				



Purchased No

<u>Location</u>	
ST058	
40285	
43002	
54692 √	
	110

53182

	Loc Oty	<u>I</u>
	39	
	1	
	1	
	37	
10	Each	

Loc Code 97.0000



Location		Loc Oty	Loc Code
ST354		97	
110396		2	
110890		17	
110898		4	
111775	/	11	
112454	_V	1	
114761	_	12	
114801		50	

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Ţ		WO	RK ORDER CHANG	ES					,
STEP	PRO	PROCEDURE CHANGE				Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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1	PAR #:	Fault Cate	gory:	NCR: Y	es No	o DQ	A:	_ Date: _	
Re	esolution:	Disposition	1:	_ QA: N/C	Clos	ed:		Date: _	
	,	WORK ORDE	ER NON-CONFORMA	ANCE (N	CR)	,			
CTED	Description of NC	Description of NC				Verification		Approval	Approval
SIEP	Section A	Initial Chief Eng	Action Description Chief Eng			Secti	on C	Chief Eng	QC Inspector
									,
					<u></u>				
		:PAR #: Resolution: Description of NC	STEP PROCEDURE CHAR PAR #: Fault Cate Resolution: Disposition WORK ORDE STEP Description of NC Section A Initial	STEP PROCEDURE CHANGE PAR #: Fault Category: Resolution: Disposition: WORK ORDER NON-CONFORMA STEP Description of NC Section A Corrective Action Section A Corrective Action Description	PAR #: Fault Category: NCR: Y Resolution: Disposition: QA: N/C WORK ORDER NON-CONFORMANCE (N STEP Description of NC	STEP PROCEDURE CHANGE By I	STEP PROCEDURE CHANGE By Date :PAR #: Fault Category: NCR: Yes No DQA Resolution: Disposition: QA: N/C Closed: WORK ORDER NON-CONFORMANCE (NCR) STEP Description of NC	STEP PROCEDURE CHANGE By Date Qty :PAR #:Fault Category:NCR: Yes No DQA: Resolution:Disposition:QA: N/C Closed: WORK ORDER NON-CONFORMANCE (NCR) STEP Description of NC	STEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr : PAR #: Fault Category: NCR: Yes No DQA: Date: Part Closed: Date: PAR #: PAR #: Fault Category: NCR: Yes No DQA: Date: PAR #: PA

Work Order ID: 61476

Parent Item:

D412-742-013

Parent Item Name:

Float Skidtube Installation



Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00



Purchased No 110

Each

114.0000

1	
V	
/W	

AN3C41A **BOLT**

Purchased

No

Location	<u>Lo</u>	oc Qty
ST354		114
106176		14
112454		50
114442		50
	110	Each

Loc Code

112.0000

Location	Loc Qty	Loc Code
FG	4	
103324	4	
ST354	108	
108084	8	
108409	8	
112879	1	
114443	59	
115316	32	



Purchased

No

110

Each

109.0000

l		

Location

ST354

Loc Qty 109 9 100 Loc Code

	•			· · · · · · · · · · · · · · · · · · ·						
W/O:			W	ORK ORDER CHANG	GES					,
DATE	STEP	PRO	PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					Ì	ļ				
					ļ					
								,		
Part No	:	PAR #:	Fault Car	tegory:	_ NCF	R: Yes N	lo DQ	A :	_ Date: _	
	R	esolution:	Disposit	ion:	QA:	N/C Clo	sed:		Date: _	
NCR:			WORK OR	DER NON-CONFORM	ANCE	(NCR)				
DATE	OTED	Description of NC		Corrective Action Section B			Verification		Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng		Sign & Date	Section C		Chief Eng	QC Inspector
										1
								,		
				·	:					

Work Order ID: 61476

Parent Item:

D412-742-013

Parent Item Name: Float Skidtube Installation



Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00



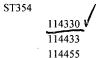


BOLT	

AN3C46A	
BOLT	

Purchased No

Purchased



Location



Each

Each 61.0000



_ocation	<u>Lo</u>	c Oty	Loc Code
ST355 /		61	
113164		2	
113302		39	
115030		20	
	110	_	

110

110

NAS1149C0332 Purchased AN960C10L

No

No

110 Each

155.0000

117.0000

Loc Code



M1143411/10/8/21 St

1	washer

Location	Loc Qty			
ST245	155			
107534	29			
109545	54			
111548	72			

Loc Code

W/O:		WORK ORDER CHANGES									
DATE	STEP	PRO	PROCEDURE CHANGE				ate Q	ty Approval Chief Eng / Prod Mgr	Approval QC Inspector		
							:				
Part No:		PAR #:	Fault Cate	NCR: Yes No DQA: Date:							
Resolution:		esolution:	Dispositio	on:	QA: N/C	QA: N/C Closed: Date: _					
NCR:		V	VORK ORD	ER NON-CONFORMA	NCE (N	CR)					
	STEP	Description of NC	1		etion B		Verification	on Approva	Approval		
DATE		Section A	Initial Chief Eng	Action Description Chief Eng	Sig Da	n &	Section C	Chief Eng	QC Inspector		
	t 										

Picklist Print

Thursday, August 26, 2010 2:39:58 PM

Work Order ID: 61476

Parent Item:

MS21043-3

D412-742-013

Parent Item Name: Float Skidtube Installation

Purchased



Start Date: 8/26/2010

Required Date: 9/6/2010

Page 12

Start Qty: 1.00

Required Qty: 1.00

No

2,733.000 Each

Locatio	<u>n</u>	Loc Oty
FG		76
	103691	76
ST301		2657
	109147	49
	111383	46
	112314 J	2562

110

Loc Code

W/O:		WORK ORDER CHANGES									
DATE STEP		PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No	:	PAR #:	Fault Categ	jory:	NCR: Ye	s No D	QA:	Date: _			
	Re	esolution:	Disposition	QA: N/C	QA: N/C Closed: Date:						
NCR:		V	VORK ORDE	R NON-CONFORM	MANCE (NO	CR)					
DATE	STEP	Description of NC			ection B		ification	Approval	Approval		
DATE	Section A		Initial Chief Eng	Action Description Chief Eng	otion Sign & Date		ection C	Chief Eng	QC Inspector		
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